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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/038,517

DATE: 01/19/2002
TIME: 11:53:21

Input Set : A:\LEX-0293-USA SEQLIST.txt
Output Set: N:\CRF3\01182002\J038517.raw

ENTERED

4 <110> APPLICANT: Yu, Xuanchuan
5 Turner, C. Alexander Jr.
7 <120> TITLE OF INVENTION: Novel Human Lipase and Polynucleotides Encoding the Same
9 <130> FILE REFERENCE: LEX-0293-USA
11 <140> CURRENT APPLICATION NUMBER: US/10/038,517
11 <141> CURRENT FILING DATE: 2002-01-03
11 <150> PRIOR APPLICATION NUMBER: US 60/259,830
12 <151> PRIOR FILING DATE: 2001-01-05
14 <160> NUMBER OF SEQ ID NOS: 2
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 1404
20 <212> TYPE: DNA
21 <213> ORGANISM: homo sapiens
23 <400> SEQUENCE: 1
24 atgcttggaa tttggattgt tgcattcttg ttctttggca catcaagagg aaaagaagtt 60
25 tqjctatgaaa ggttagggtg ttccaaagat ggttaccat ggaccaggac tttctcaaca 120
26 qagttggtag gttaacctctg gtcctccagag aagataaaca ctcgttccct gctctacact 180
27 atacacaatc ccaatgccta tcaggagatc agtgcggta attcttcaac tatccaagcc 240
28 tcataattttgc yaacagacaa gatcaccgcgt atcaacatag ctggatggaa aacagatggc 300
29 aaatggcaga gagacatgtg caatgtgttgc ctacagctgg aagatataaa ttgcattaaat 360
30 ttagatttggaa tcaacgggtc acgggaataac atccatgctg taaacaatct ccgtgttgc 420
31 ggtgttgagg tggcttattt tattgtatgtt ctcataaaaa aatttgaata ttccccttct 480
32 aaagtgcact tgattggcca cagcttggga gcacacctgg ctggggaaagc tgggtcaagg 540
33 ataccaggcc ttggaaqaat aactgggttg gaccagctg gccatcccccccaacact 600
34 ccaaaggaag tcaggctaga cccctcggt gccaactttt tgacgttat tcataacaat 660
35 qcagctcgca tcctctttga gcttgggtgtt ggaaccattt atgcttgcgtt tcattttgac 720
36 ttttacccaa atggaggaa gCACATGCCA ggtatgtaaag acttaattac acctttactg 780
37 aaatttaact tcaatgttta caaaaaaagaa atggcttccct tctttgactg taaccatgcc 840
38 cgaagttatc aattttatgc taaaaggcatt cttaatcctg atgcatttat tgcttacct 900
39 tgttagatccct acacatctt taaagcagga aattgttct tttgttccaa agaagggtgc 960
40 ccaacaatgg gtcattttgc tgatagattt cacttccaaa atatgaagac taatggatca 1020
41 cattatTTT taaacacacagg gtcctttcc ccatttgcctt gttggaggca caaattgtct 1080
42 qttaaactca gtggaaagcga agtcaactcaa ggaactgtct ttcttcgtgtt aggccggggca 1140
43 attggggaaaa ctggggagtt tgccattgtc agtggaaaac ttgagccagg catgacttac 1200
44 acaaaaattaa tcgatgcaga tttaaacgtt gggaaacatta caagtgttca gttcatctgg 1260
45 aaaaaacatt ttgttgaaga ttctcagaat aagttggag cagaaatgtt gataaataca 1320
46 tctggaaat atggatataa atctaccttc tgtagccaa agtattatggg acctaataatt 1380
47 ctccagaacc tgaaaccatg cttaa 1404
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 467
51 <212> TYPE: PRT
52 <213> ORGANISM: homo sapiens

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54 <400> SEQUENCE: 2
 55 Met Leu Gly Ile Trp Ile Val Ala Phe Leu Phe Gly Thr Ser Arg
 56 1 5 10 15
 57 Gly Lys Glu Val Cys Tyr Glu Arg Leu Gly Cys Phe Lys Asp Gly Leu
 58 20 25 30
 59 Pro Trp Thr Arg Thr Phe Ser Thr Glu Leu Val Gly Leu Pro Trp Ser
 60 35 40 45
 61 Pro Glu Lys Ile Asn Thr Arg Phe Leu Leu Tyr Thr Ile His Asn Pro
 62 50 55 60
 63 Asn Ala Tyr Gln Glu Ile Ser Ala Val Asn Ser Ser Thr Ile Gln Ala
 64 65 70 75 80
 65 Ser Tyr Phe Gly Thr Asp Lys Ile Thr Arg Ile Asn Ile Ala Gly Trp
 66 85 90 95
 67 Lys Thr Asp Gly Lys Trp Gln Arg Asp Met Cys Asn Val Leu Leu Gln
 68 100 105 110
 69 Leu Glu Asp Ile Asn Cys Ile Asn Leu Asp Trp Ile Asn Gly Ser Arg
 70 115 120 125
 71 Glu Tyr Ile His Ala Val Asn Asn Leu Arg Val Val Gly Ala Glu Val
 72 130 135 140
 73 Ala Tyr Phe Ile Asp Val Leu Met Lys Lys Phe Glu Tyr Ser Pro Ser
 74 145 150 155 160
 75 Lys Val His Leu Ile Gly His Ser Leu Gly Ala His Leu Ala Gly Glu
 76 165 170 175
 77 Ala Gly Ser Arg Ile Pro Gly Leu Gly Arg Ile Thr Gly Leu Asp Pro
 78 180 185 190
 79 Ala Gly Pro Phe His Asn Thr Pro Lys Glu Val Arg Leu Asp Pro
 80 195 200 205
 81 Ser Asp Ala Asn Phe Val Asp Val Ile His Thr Asn Ala Ala Arg Ile
 82 210 215 220
 83 Leu Phe Glu Leu Gly Val Gly Thr Ile Asp Ala Cys Gly His Leu Asp
 84 225 230 235 240
 85 Phe Tyr Pro Asn Gly Gly Lys His Met Pro Gly Cys Glu Asp Leu Ile
 86 245 250 255
 87 Thr Pro Leu Leu Lys Phe Asn Phe Asn Ala Tyr Lys Lys Glu Met Ala
 88 260 265 270
 89 Ser Phe Phe Asp Cys Asn His Ala Arg Ser Tyr Gln Phe Tyr Ala Glu
 90 275 280 285
 91 Ser Ile Leu Asn Pro Asp Ala Phe Ile Ala Tyr Pro Cys Arg Ser Tyr
 92 290 295 300
 93 Thr Ser Phe Lys Ala Gly Asn Cys Phe Phe Cys Ser Lys Glu Gly Cys
 94 305 310 315 320
 95 Pro Thr Met Gly His Phe Ala Asp Arg Phe His Phe Lys Asn Met Lys
 96 325 330 335
 97 Thr Asn Gly Ser His Tyr Phe Leu Asn Thr Gly Ser Leu Ser Pro Phe
 98 340 345 350
 99 Ala Arg Trp Arg His Lys Leu Ser Val Lys Leu Ser Gly Ser Glu Val
 100 355 360 365
 101 Thr Gln Gly Thr Val Phe Leu Arg Val Gly Gly Ala Ile Gly Lys Thr
 102 370 375 380

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103 Gly Glu Phe Ala Ile Val Ser Gly Lys Leu Glu Pro Gly Met Thr Tyr
104 385 390 395 400
105 Thr Lys Leu Ile Asp Ala Asp Val Asn Val Gly Asn Ile Thr Ser Val
106 405 410 415
107 Gln Phe Ile Trp Lys Lys His Leu Phe Glu Asp Ser Gln Asn Lys Leu
108 420 425 430
109 Gly Ala Glu Met Val Ile Asn Thr Ser Gly Lys Tyr Gly Tyr Lys Ser
110 435 440 445
111 Thr Phe Cys Ser Gln Asp Ile Met Gly Pro Asn Ile Leu Gln Asn Leu
112 450 455 460
113 Lys Pro Cys
114 465

VERIFICATION SUMMARY

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L:11 M:270 C: Current Application Number differs. Replaced Current Application No

L:11 M:271 C: Current Filing Date differs. Replaced Current Filing Date